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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 13

Complete if Known

Application Number	09/553,395
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JRP	1A	4528643	B1	Freeny, Jr.	07/09/1985	
	1B	4584641	B1	Guglicimino	04/22/1986	
	1C	4586134	B1	Norstedt	04/29/1986	
	1D	4635189	B1	Kendall	01/06/1987	
	1E	4646229	B1	Boyle	02/24/1987	
	1F	4674055	B1	Ogaki et al.	06/16/1987	
	1G	4734858	B1	Schlaflly	03/29/1988	
	1H	4760572	B1	Tomikawa	07/26/1988	
	1I	4796181	B1	Wiedemer	01/03/1989	
	1J	4799156	B1	Shavit et al.	01/17/1989	
	1K	4845658	B1	Gifford	07/04/1989	
	1L	4984155	B1	Geier et al.	01/08/1991	
	1M	5047928	B1	Wiedemer	09/10/1991	
	1N	5101402	B1	Chiu et al.	03/31/1992	
	1O	5142680	B1	Ottman et al.	08/25/1992	
	1P	5155484	B1	Chambers, IV	10/13/1992	
	1Q	5155591	B1	Wachob	10/13/1992	
	1R	5155680	B1	Wiedemer	10/13/1992	
	1S	5157783	B1	Anderson et al.	10/20/1992	
	1T	5165020	B1	Sudama et al.	11/17/1992	
	1U	5185697	B1	Jacobs et al.	02/09/1993	
	1V	5247683	B1	Holmes et al.	09/21/1993	
	1W	5263164	B1	Kannady et al.	11/16/1993	
	1X	5267171	B1	Suzuki et al.	11/30/1993	
	1Y	5289371	B1	Abel et al.	02/22/1994	
	1Z	5309355	B1	Lockwood	05/03/1994	
	2A	5319542	B1	King, Jr. et al.	06/07/1994	
	2B	5321750	B1	Nadan	06/14/1994	
	2C	5337360	B1	Fischer	08/09/1994	
	2D	5341478	B1	Travis, Jr. et al.	08/23/1994	
	2E	5367627	B1	Johnson	11/22/1994	
	2F	5367686	B1	Fisher et al.	11/22/1994	
	2G	5379424	B1	Morimoto et al.	01/03/1995	

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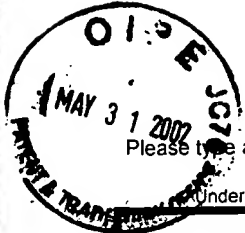
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Examiner Signature	<i>T. Peyton</i>	Date Considered	8/16/02
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Sheet 2 of 13

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Application Number	09/553,395
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

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		Number	Kind Code <sup>2</sup> (if known)			
JMP	2H	5386369	B1	Christiano	01/31/1995	
	2I	5388211	B1	Hornbuckle	02/07/1995	
	2J	5390247	B1	Fischer	02/14/1995	
	2K	5396546	B1	Remillard	03/07/1995	
	2L	5406557	B1	Baudoin	04/11/1995	
	2M	5415416	B1	Scagnelli et al.	05/16/1995	
	2N	5418713	B1	Allen	05/23/1995	
	2O	5421009	B1	Platt	05/30/1995	
	2P	5434999	B1	Goire et al.	07/18/1995	
	2Q	5442791	B1	Wrabetz et al.	08/15/1995	
	2R	5450589	B1	Maebayashi et al.	09/12/1995	
	2S	5459506	B1	Bushnell	10/17/1995	
	2T	5461667	B1	Remillard	10/24/1995	
	2U	5491800	B1	Goldsmith et al.	02/13/1996	
	2V	5495411	B1	Ananda	02/27/1996	
	2W	5496177	B1	Collia et al.	03/05/1996	
	2X	5499357	B1	Sonty et al.	03/12/1996	
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	3A	5541991	B1	Benson et al.	07/30/1996	
	3B	5544320	B1	Konrad	08/06/1996	
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	3D	5553223	B1	Greenlee et al.	09/03/1996	
	3E	5555416	B1	Owens et al.	09/10/1996	
	3F	5577251	B1	Hamilton et al.	11/19/1996	
	3G	5579537	B1	Takahisa	11/26/1996	
	3H	5586322	B1	Beck et al.	12/17/1996	
	3I	5602993	B1	Stromberg	02/11/1997	
	3J	5680617	B1	Gough et al.	10/21/1997	
	3K	5694549	B1	Carlin et al.	12/02/1997	
	3L	5724424	B1	Gifford	03/03/1998	Appendix A-D
	3M	5748960	B1	Fischer	05/05/1998	
	3N	5809076	B1	Hofmann	09/15/1998	

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*Jan Perry*

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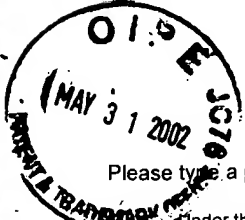
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Sheet 4 of 13

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Application Number	09/553,395
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

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JRP	3W	5457795	B1	Willman	10/10/1995	
	3X	5483586	B1	Sussman	01/09/1996	
	3Y	5530852	B1	Meske, Jr. et al.	06/25/1996	
	3Z	5572643	B1	Judson	11/05/1996	
	4A	5586304	B1	Stupek, Jr. et al.	12/17/1996	
	4B	5604542	B1	Dedrick	02/18/1997	
	4C	5606493	B1	Duscher et al.	02/25/1997	
	4D	5623605	B1	Keshav et al.	04/22/1997	
	4E	5630066	B1	Gosling	05/13/1997	
	4F	5630103	B1	Smith et al.	05/13/1997	
	4G	5638446	B1	Rubin	06/10/1997	
	4H	5654901	B1	Boman	08/05/1997	
	4I	5664207	B1	Crumpler et al.	09/02/1997	
	4J	5678002	B1	Fawcett et al.	10/14/1997	
	4K	5682533	B1	Siljestroemer	10/28/1997	
	4L	5694596	B1	Campbell	12/02/1997	
	4M	5701451	B1	Rogers et al.	12/23/1997	
	4N	5708709	B1	Rose	01/13/1998	
	4O	5710887	B1	Chelliah et al.	01/20/1998	
	4P	5717930	B1	Imai et al.	02/10/1998	
	4Q	5721824	B1	Taylor	02/24/1998	
	4R	5732275	B1	Kullick et al.	03/24/1998	
	4S	5742829	B1	Davis et al.	04/21/1998	
	4T	5761499	B1	Sonderegger	06/02/1998	
	4U	5764906	B1	Edelstein et al.	06/09/1998	
	4V	5764992	B1	Kullick et al.	06/09/1998	
	4W	5774670	B1	Montulli	06/30/1998	
	4X	5784562	B1	Diener	07/21/1998	
	4Y	5793980	B1	Glaser et al.	08/11/1998	
	4Z	5794210	B1	Goldhaber et al.	08/11/1998	
	5A	5809144	B1	Sirbu et al.	09/15/1998	
	5B	5809287	B1	Stupek, Jr. et al.	09/15/1998	
	5C	5826242	B1	Montulli	10/20/1998	

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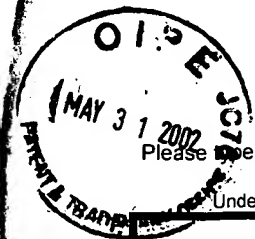
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Sheet 5 of 13

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Application Number	09/553,395
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

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JMP	5D	5835911	B1	Nakagawa et al.	11/10/1998	
	5E	5838906	B1	Doyle et al.	11/17/1998	
	5F	5845077	B1	Fawcett	12/01/1998	
	5G	5848396	B1	Gerace	12/08/1998	
	5H	5862362	B1	Somasegar et al.	01/19/1999	
	5I	5909581	B1	Park	06/01/1999	
	5J	5918014	B1	Robinson	06/29/1999	
	5K	5960189	B1	Stupek, Jr. et al.	09/28/1999	
	5L	5963915	B1	Kirsch	10/05/1999	
	5M	5991735	B1	Gerace	11/23/1999	
	5N	6005561	B1	Hawkins et al.	12/21/1999	
	5O	6016520	B1	Facq et al.	01/18/2000	
	5P	6029175	B1	Chow et al.	02/22/2000	
	5Q	6049671	B1	Slivka et al.	04/11/2000	
	5R	6073214	B1	Fawcett	06/06/2000	
	5S	6256668	B1	Slivka et al.	07/03/2001	
	5T	6327617	B1	Fawcett	12/04/2001	
JMP	5U	6151643	B1	Cheng et al.	<del>06/07/1996</del>	
	5UA	6094546	B1	Reisman	12/1997	
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	5UC	5537417		Sharma et al.	07/1996	
	5UD	6031977	B1	Pettus	02/2000	
	5UE	6029142	B1	Hill	02/2000	
	5UF	5509070		Schull	04/1996	
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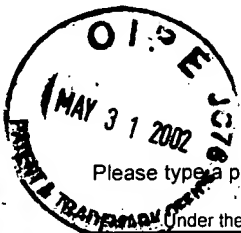
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First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
JP	6H	"Establishing a Virtual Session for Web Applications," <a href="http://ats.byu.edu/FCSDocs/VSMTheory.html">http://ats.byu.edu/FCSDocs/VSMTheory.html</a> .	
	6I	"Extensibility and Mini Applications," Ch. 13, <a href="http://www.viola.org/book/chp13.html">http://www.viola.org/book/chp13.html</a> .	
	6J	"Java History," <a href="http://ils.unc.edu/blaze/java/javahist.html">http://ils.unc.edu/blaze/java/javahist.html</a> .	
	6K	"Java History," On-line Magazine, <a href="http://qates.comm.virginia.edu/mpl6s/emerging_tech/java_history.htm">http://qates.comm.virginia.edu/mpl6s/emerging_tech/java_history.htm</a> .	
	6L	"The Cookies Page", Electronic Privacy Information Center, <a href="http://www.epic.org/privacy/internet/cookies/">http://www.epic.org/privacy/internet/cookies/</a> .	
	7M	"The Viola Home Page," <a href="http://www.viola.org/">http://www.viola.org/</a> .	
	7N	"Viola in a Nutshell: Preface," <a href="http://www.viola.org/book/preface/html">http://www.viola.org/book/preface/html</a> .	
	7O	"Viola WWW Features List," <a href="http://www.viola.org/vwFeatures.html">http://www.viola.org/vwFeatures.html</a> .	
	7P	"Virtual Library Mirror Procedures," <a href="http://www.wdvl.com/WDVL/Website/Update/mirror_vlib.html">http://www.wdvl.com/WDVL/Website/Update/mirror_vlib.html</a> .	
	7Q	Breitenbach, Zach and Irlbeck, Susan, "Cookies," <a href="http://ecommerce.ncsu.edu/csc413/student-work/Cookies/Cookies.ppt">http://ecommerce.ncsu.edu/csc413/student-work/Cookies/Cookies.ppt</a> .	
	7R	Kiplinger's CA - Simply Money User Guide, pp. (7-31) - (7-37).	
	7S	Kirriemuir, J.P. and Knight, J. "Mirroring and caching network-based resources".	
	7T	Listing of various patents by Netcentives Inc., Open Market Inc., Amazon.com Inc., First Virtual Inc., Cast, Inc., Citibank, and CyberGold, <a href="http://www.google.com/search?q=cache:YL833u-xdDUC:www.ryuka.com/ecpat.html+ryuka+%22commerce%22&amp;hl=en">http://www.google.com/search?q=cache:YL833u-xdDUC:www.ryuka.com/ecpat.html+ryuka+%22commerce%22&amp;hl=en</a> .	
	7U	Mayer-Schonberger, V., "The Internet and Privacy Legislation: Cookies for a Treat?," <a href="http://www.wvjolt.wvu.edu/wvjolt/current/issue1/articles/mayer/mayer.htm">http://www.wvjolt.wvu.edu/wvjolt/current/issue1/articles/mayer/mayer.htm</a> .	
	7V	Richmond, A. and Richmond, L., "suPerlative: Development and Public Servers" <a href="http://www.wdvl.com/Software/Perl/Mirror.html">http://www.wdvl.com/Software/Perl/Mirror.html</a> .	
7V2	Weber, Thomas, "The Man Who Baked The First Web Cookies Chews Over Their Fate", Wall Street Journal, E-World.		
7W	"Automated Replacement of System Software Units", IBM Technical Disclosure Bulletin, pp. 3137-3138, March 1971.		
7X	Daniels, D. and Spector, A.Z., "An Algorithm for Replicated Directories," 2 <sup>nd</sup> PODC Conference Proceedings, ACM, Copyright 1983.		
7Y	Fuchs, W.K., et al., "Low-Cost Comparison and Diagnosis of Large Remotely Located Files," Fifth Symposium on Reliability in Distributed Software and Database Systems, IEEE Computer Society, pp.67-73, January 1986.		
7Z	"Method to Control Software-Update Applications", IBM Technical Disclosure Bulletin, pp. 5059-5060, April 1987.		
8A	"CompuServe Information Service; Users Guide", pp. 119-127; 153-163; 235-243; Copyright 1988.		
8B	Symborski, Carl W., "Updating Software And Configuration Data In A Distributed Communications Network", IEEE, Copyright 1988.		

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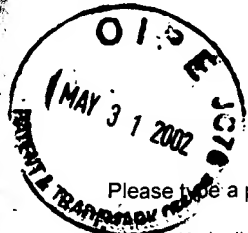
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Examiner Signature	<i>David Pey</i>	Date Considered	8/27/02
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		<b>Application Number</b>	09/553,395		
		<b>Filing Date</b>	April 20, 2000		
		<b>First Named Inventor</b>	Richard R. Reisman		
		<b>Group Art Unit</b>	2182		
		<b>Examiner Name</b>	T. PEYTON		
<b>Sheet</b>	8	<b>of</b>	13	<b>Attorney Docket Number</b>	RRR-00-002US

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Sheet 9 of 13

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	9B	IDD Information Services Tradeline Electronic Stock Guide subscription information and update coupon, 1993.	
	9C	Rozenblit, M., "O, A & M Capabilities for Switching Software Management," IEEE Global Telecommunications Conference, pp. 357-361, Copyright 1993.	
	9D	Google - Advanced Group Search Results; see: <a href="http://groups.google.com/groups?q=eudora+%22steven+dorner%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12">http://groups.google.com/groups?q=eudora+%22steven+dorner%22&amp;hl=en&amp;as_drrb=b&amp;as_mind=12&amp;as_minm=5&amp;as_miny=1981&amp;as_maxd=12</a>	
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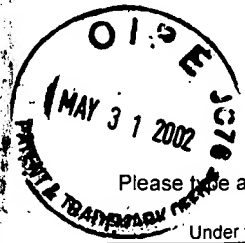
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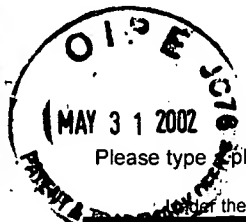
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Sheet 12 of 13

Complete if Known

Application Number	09/553,395
Filing Date	April 20, 2000
First Named Inventor	Richard R. Reisman
Group Art Unit	2182
Examiner Name	T. PEYTON
Attorney Docket Number	RRR-00-002US

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JWP	11S	<a href="http://www.cookiecentral.com/dsm.htm">http://www.cookiecentral.com/dsm.htm</a> , "The Dark Side of Cookies", Copyright 1997-1998.
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	12C	Greenspun, Philip, "Philip & Alex's Guide to Web Publishing," Morgan Kaufmann Publishers Inc., pp. 240-252, 260-265, 470-476, 518-521, Copyright 1999.
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	12K	Overview of New Electronic Marketing & Communications Channel From Pipeline, letter from Pat Dane of Pipeline Communications to Harland Levinson and Dick Reisman of Unet (April 13, 1994 (Fax header states April 14, 1995))
	12L	Demo disk that accompanied item # 12K
	12M	DowVision Broadcast Specification, Dow Jones & Company, Inc., Copyright 1989-92
	12N	CRA - Philippe Rabergeau, "Client Remote Access Specifications - Preliminary," pp. 1-8, March 24, 1994

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